FIG.1

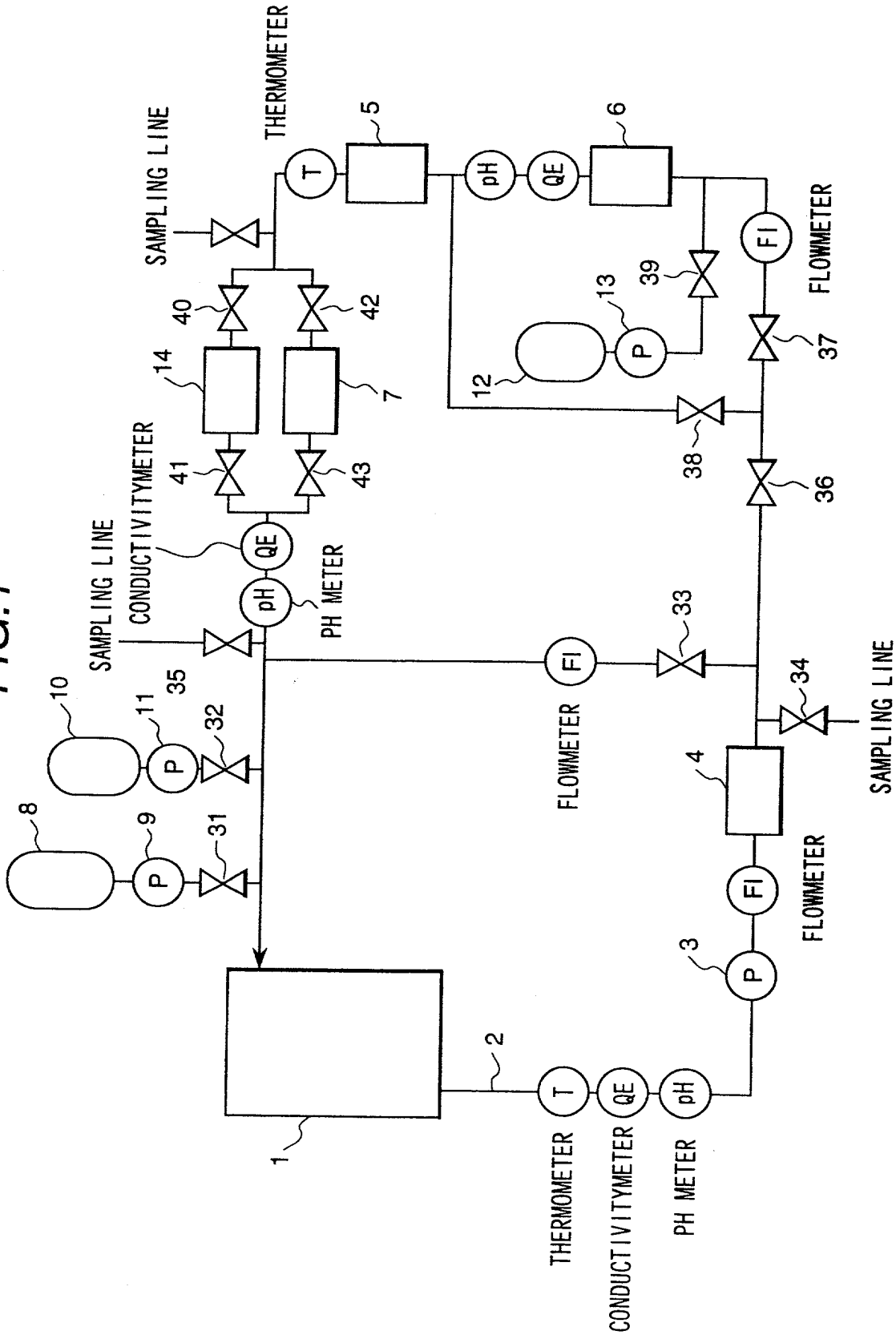

1
2
3
4
5
6
7
8
9
10
11
12
13
14
31
32
33
34
35
36
37
38
39
40
41
42
43
T
THERMOMETER
QE
CONDUCTIVITYMETER
pH
PH METER
FI
FLOWMETER
P
SAMPLING LINE

FIG.2

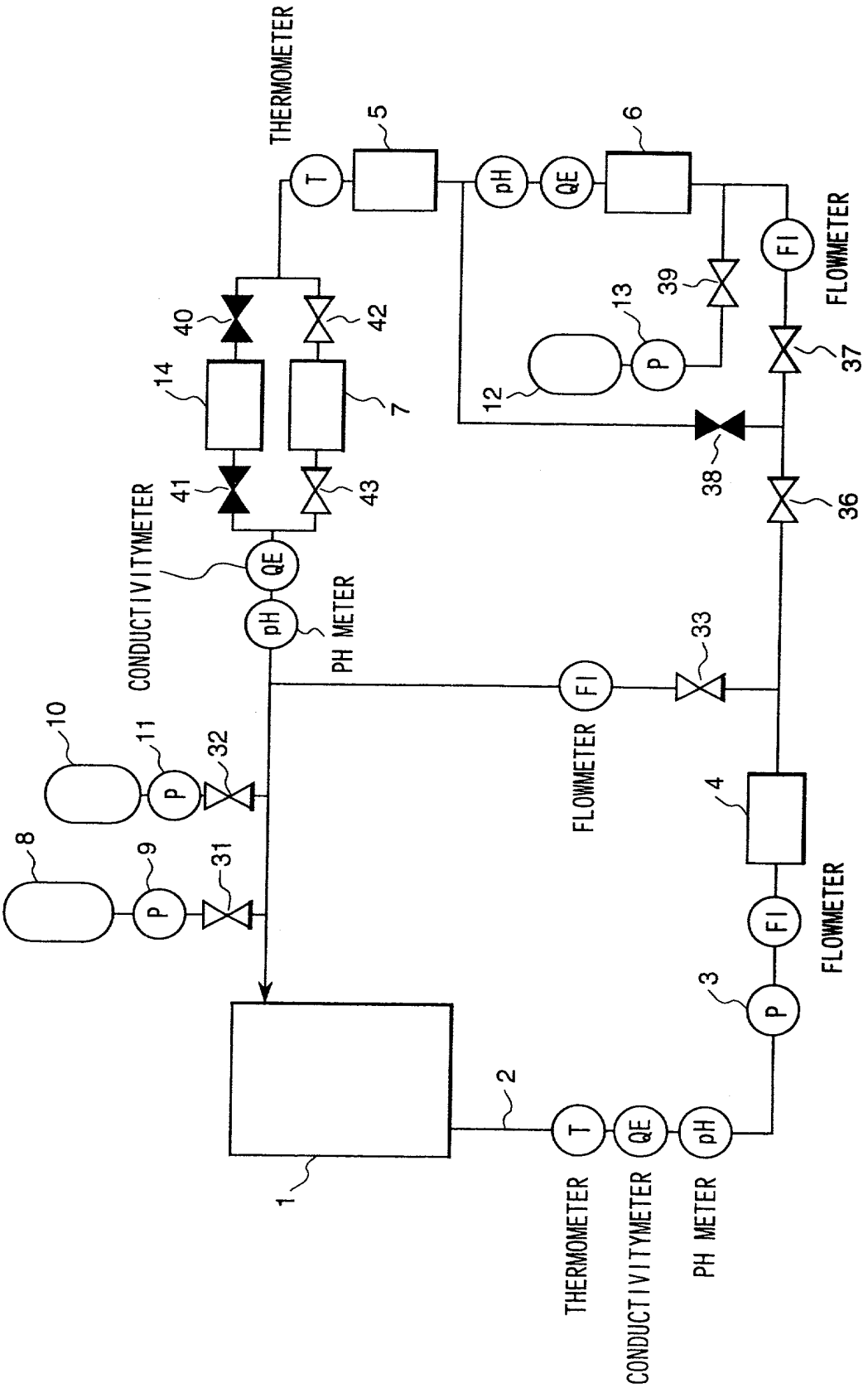
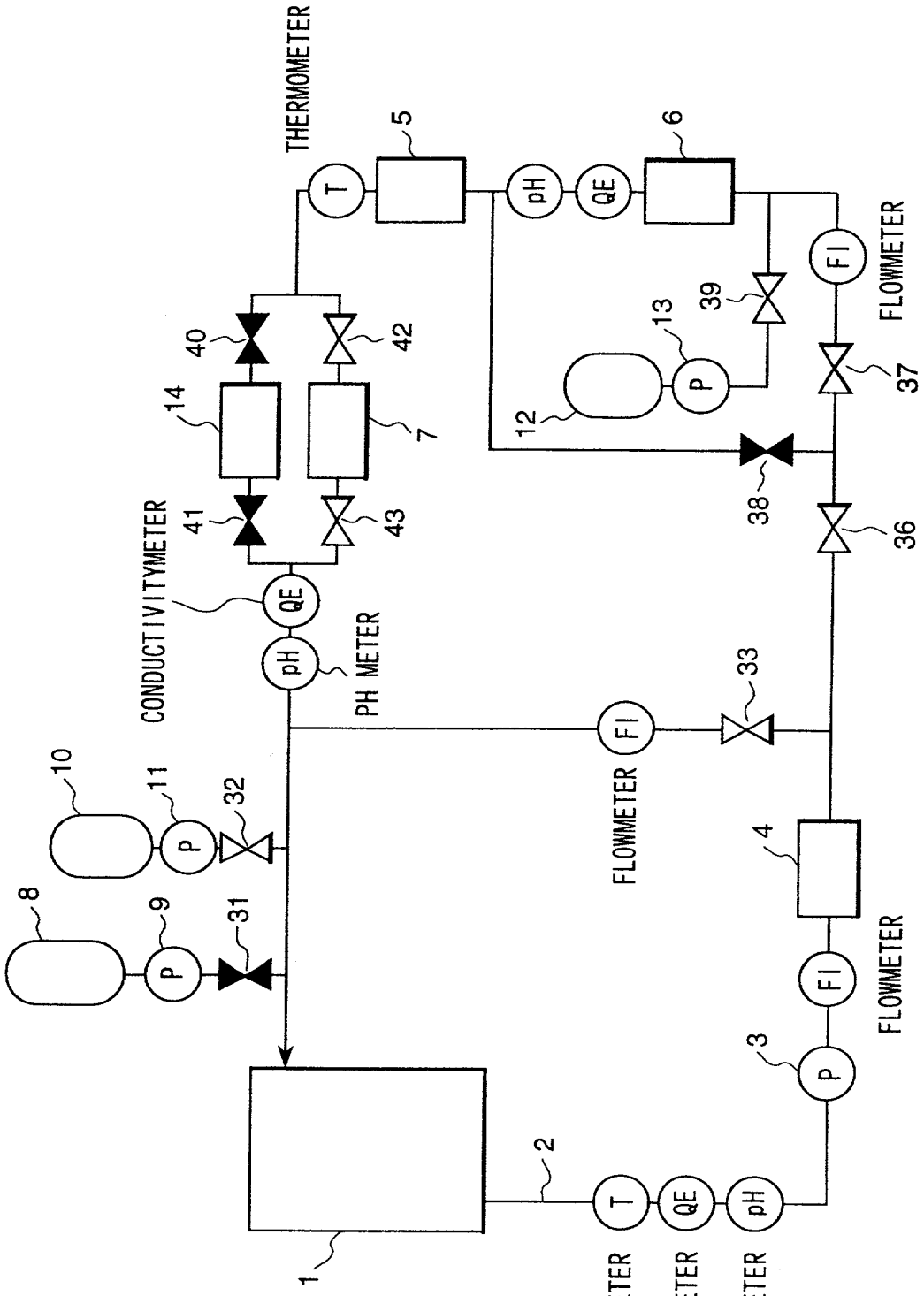

THERMOMETER
5
6
T
pH
QE
FI
FLOWMETER
40
42
14
7
13
39
12
P
37
41
43
38
36
CONDUCTIVITYMETER
QE
pH
PH METER
10
11
32
33
FLOWMETER
4
8
9
31
3
1
2
THERMOMETER
CONDUCTIVITYMETER
PH METER

FIG.3


THERMOMETER
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6
T
pH
QE
FI
FLOWMETER
13
39
37
12
P
38
36
40
42
14
7
41
43
CONDUCTIVITYMETER
PH METER
33
10
11
32
8
9
31
4
1
2
3
THERMOMETER
CONDUCTIVITYMETER
PH METER
FLOWMETER

FIG.4

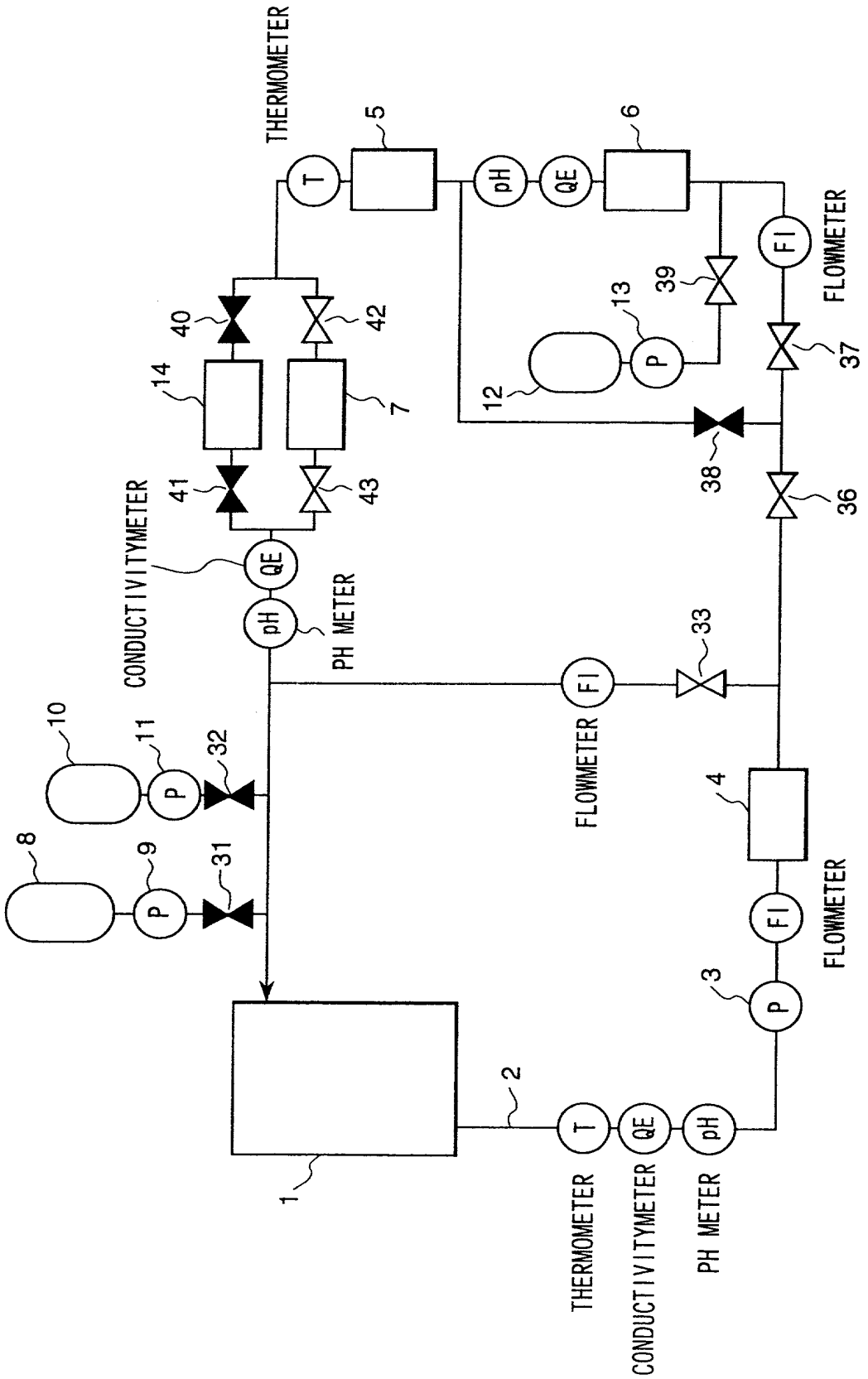
THERMOMETER
5
6
T
pH
QE
FLOWMETER
FI
13
39
37
12
P
40
42
14
7
38
36
41
43
CONDUCTIVITYMETER
PH METER
33
10
11
32
8
9
31
FLOWMETER
4
3
2
1
THERMOMETER
CONDUCTIVITYMETER
PH METER

FIG.5

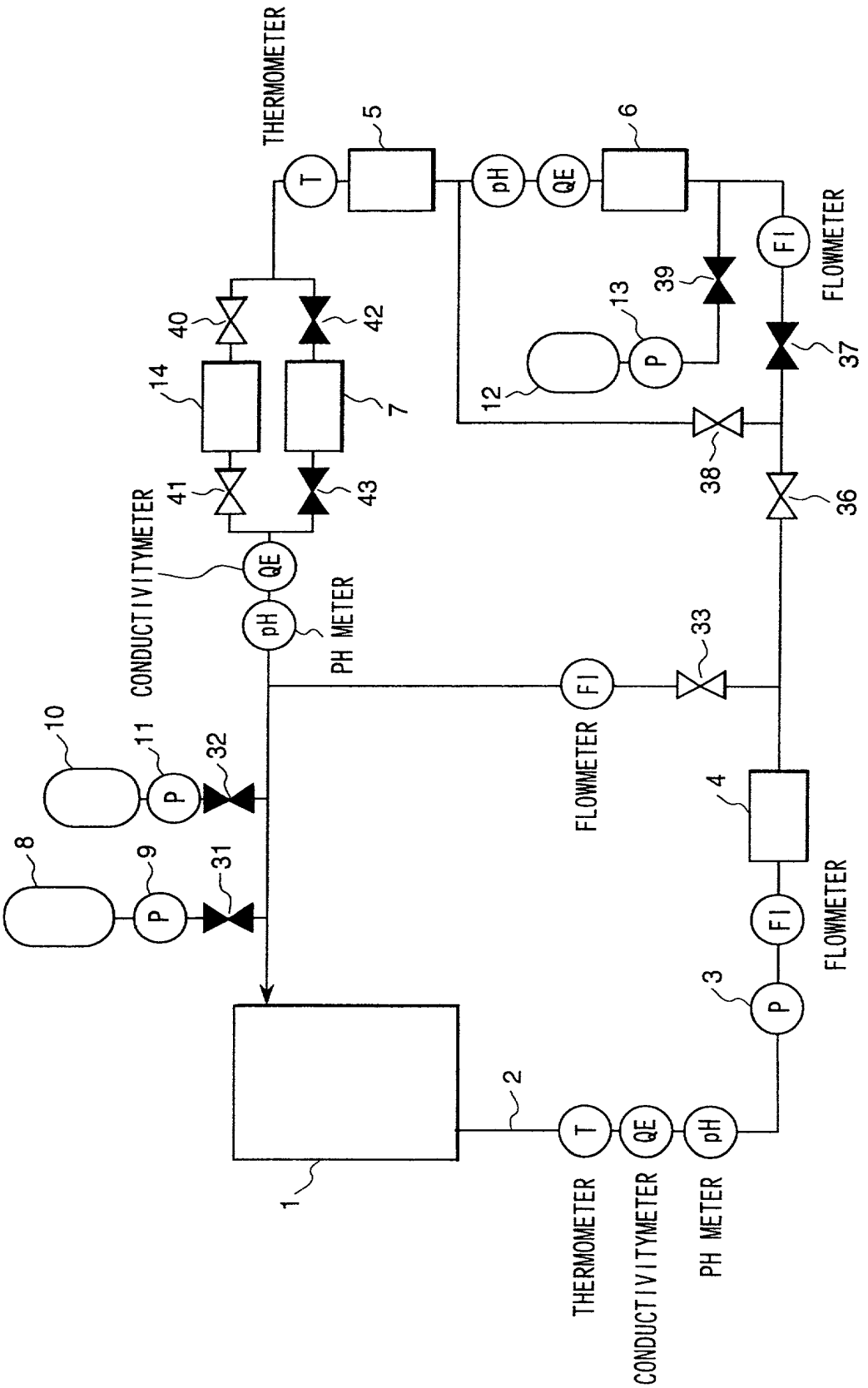
THERMOMETER
5
6
T
pH
QE
FI
FLOWMETER
39
13
P
12
37
40
42
14
7
41
43
38
36
CONDUCTIVITYMETER
PH METER
33
10
11
32
8
9
31
FLOWMETER
4
3
2
1
THERMOMETER
CONDUCTIVITYMETER
PH METER

FIG.6

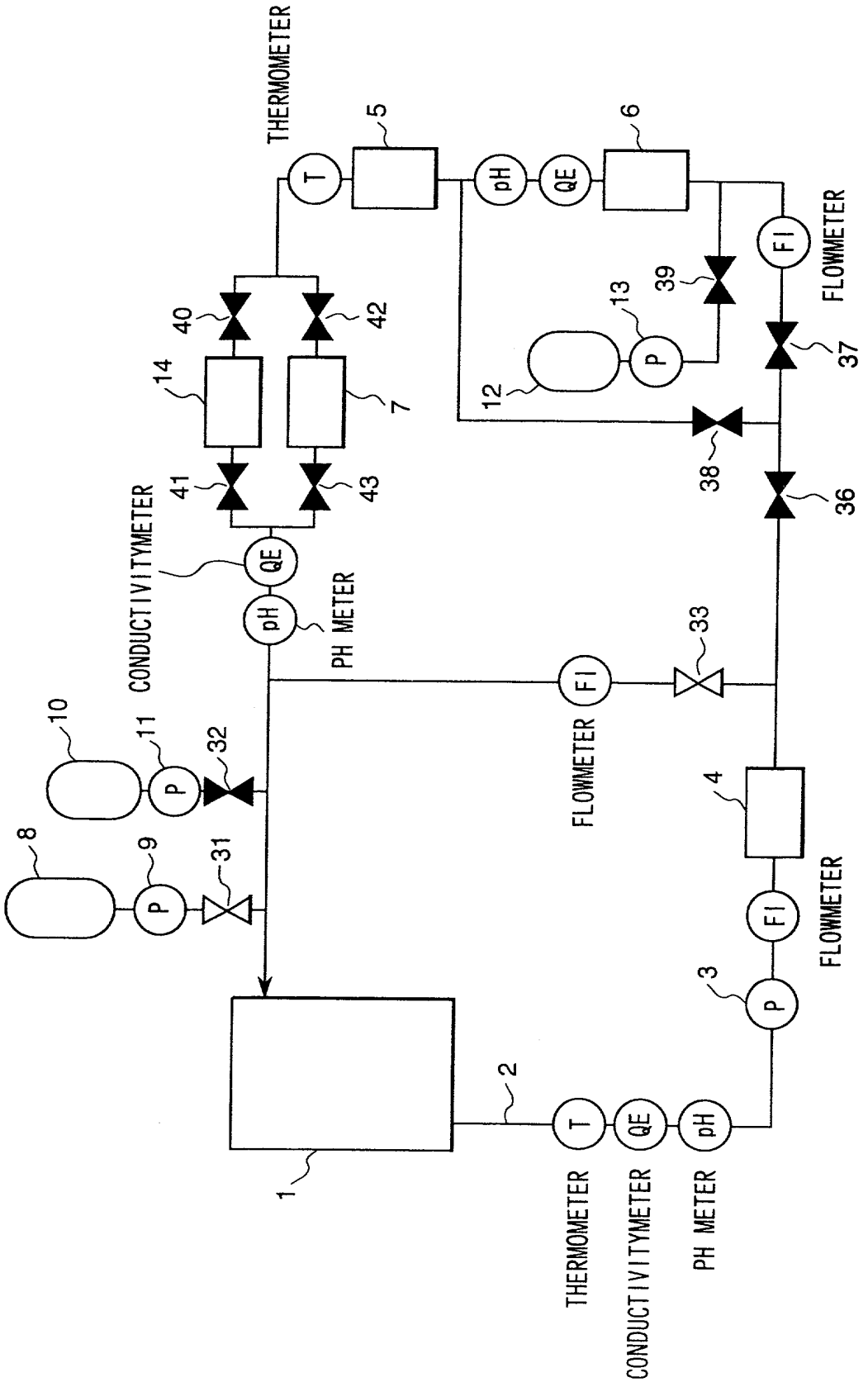
THERMOMETER
5
6
T
pH
QE
FLOWMETER
FI
40
42
39
13
P
14
7
12
37
41
43
38
36
CONDUCTIVITYMETER
QE
pH
PH METER
33
10
11
32
FLOWMETER
FI
8
9
P
31
4
FLOWMETER
FI
3
P
2
1
THERMOMETER
T
CONDUCTIVITYMETER
QE
PH METER
pH

FIG.7A

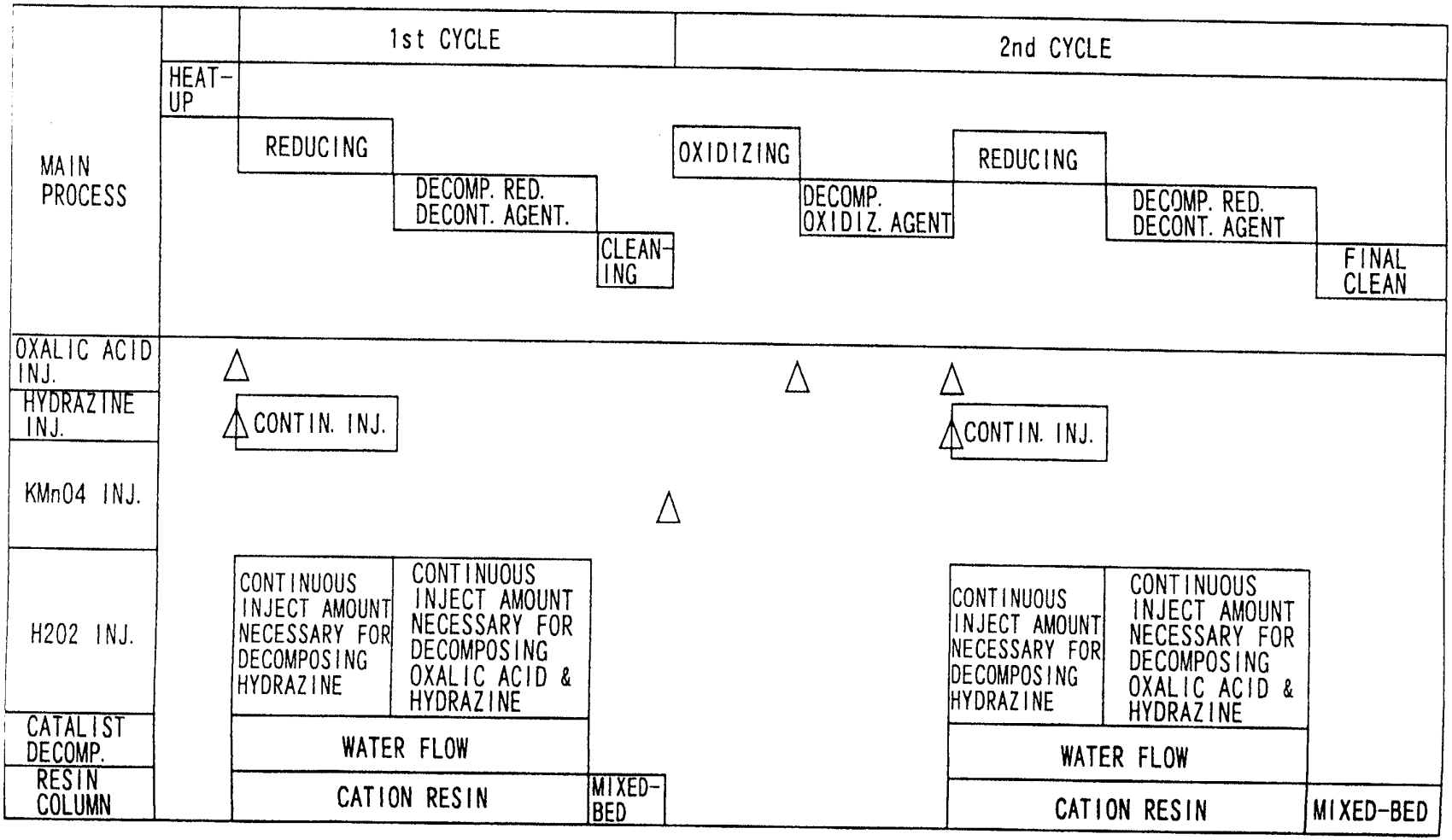
1st CYCLE
2nd CYCLE
HEAT-UP
MAIN PROCESS
REDUCING
DECOMP. RED. DECONT. AGENT.
CLEAN-ING
OXIDIZING
DECOMP. OXIDIZ. AGENT
REDUCING
DECOMP. RED. DECONT. AGENT
FINAL CLEAN
OXALIC ACID INJ.
HYDRAZTNE INJ.
CONTIN. INJ.
CONTIN. INJ.
KMnO4 INJ.
H2O2 INJ.
CONTINUOUS INJECT AMOUNT NECESSARY FOR DECOMPOSING HYDRAZINE
CONTINUOUS INJECT AMOUNT NECESSARY FOR DECOMPOSING OXALIC ACID & HYDRAZINE
CONTINUOUS INJECT AMOUNT NECESSARY FOR DECOMPOSING HYDRAZINE
CONTINUOUS INJECT AMOUNT NECESSARY FOR DECOMPOSING OXALIC ACID & HYDRAZINE
CATALIST DECOMP.
WATER FLOW
WATER FLOW
RESIN COLUMN
CATION RESIN
MIXED-BED
CATION RESIN
MIXED-BED

FIG.7B

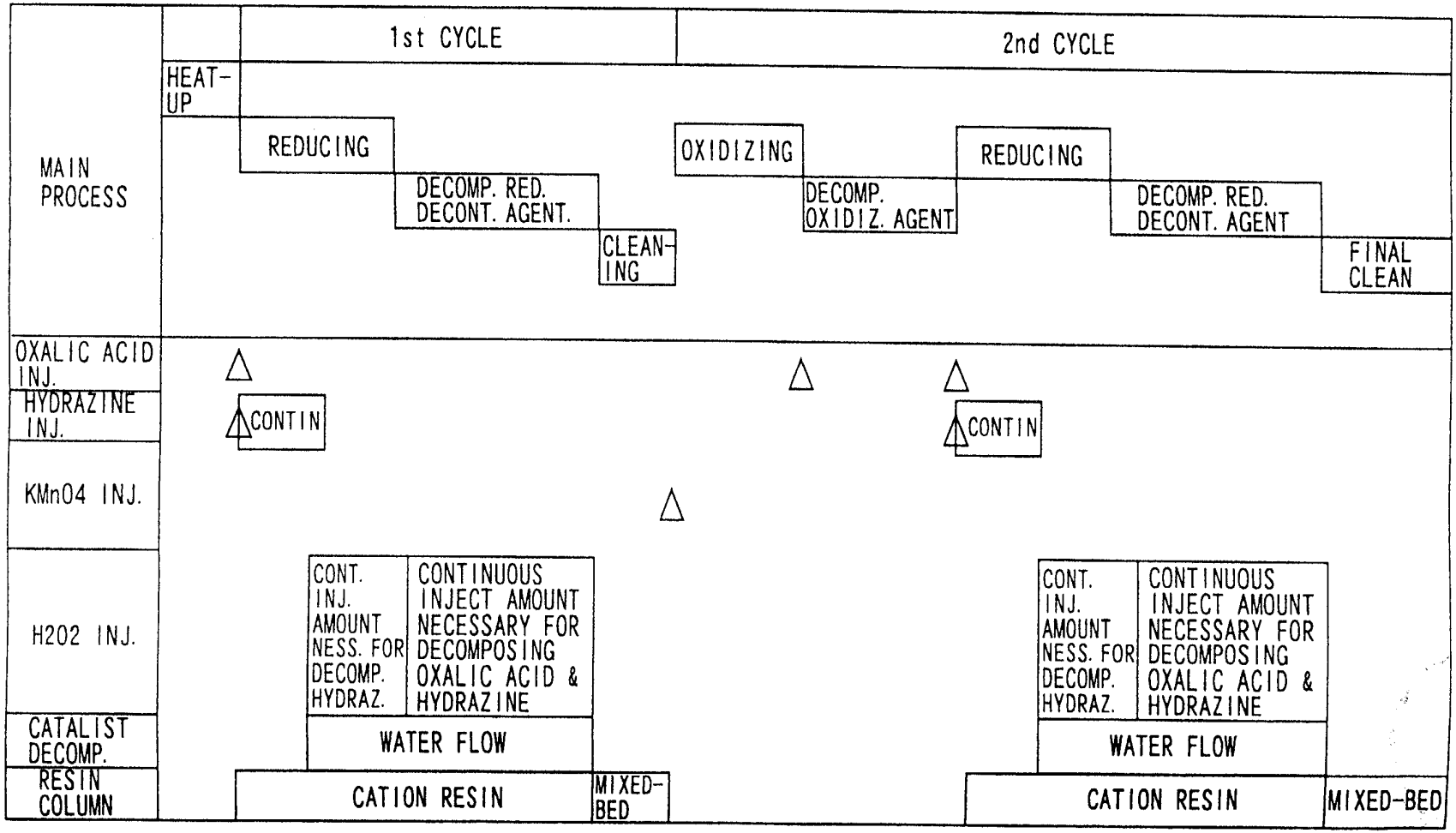
1st CYCLE
2nd CYCLE
HEAT-UP
MAIN PROCESS
REDUCING
DECOMP. RED. DECONT. AGENT.
CLEAN-ING
OXIDIZING
DECOMP. OXIDIZ. AGENT
REDUCING
DECOMP. RED. DECONT. AGENT
FINAL CLEAN
OXALIC ACID INJ.
HYDRAZINE INJ.
CONTIN
CONTIN
KMnO4 INJ.
H2O2 INJ.
CONT. INJ. AMOUNT NESS. FOR DECOMP. HYDRAZ.
CONTINUOUS INJECT AMOUNT NECESSARY FOR DECOMPOSING OXALIC ACID & HYDRAZINE
CONT. INJ. AMOUNT NESS. FOR DECOMP. HYDRAZ.
CONTINUOUS INJECT AMOUNT NECESSARY FOR DECOMPOSING OXALIC ACID & HYDRAZINE
CATALIST DECOMP.
WATER FLOW
WATER FLOW
RESIN COLUMN
CATION RESIN
MIXED-BED
CATION RESIN
MIXED-BED

FIG.7C

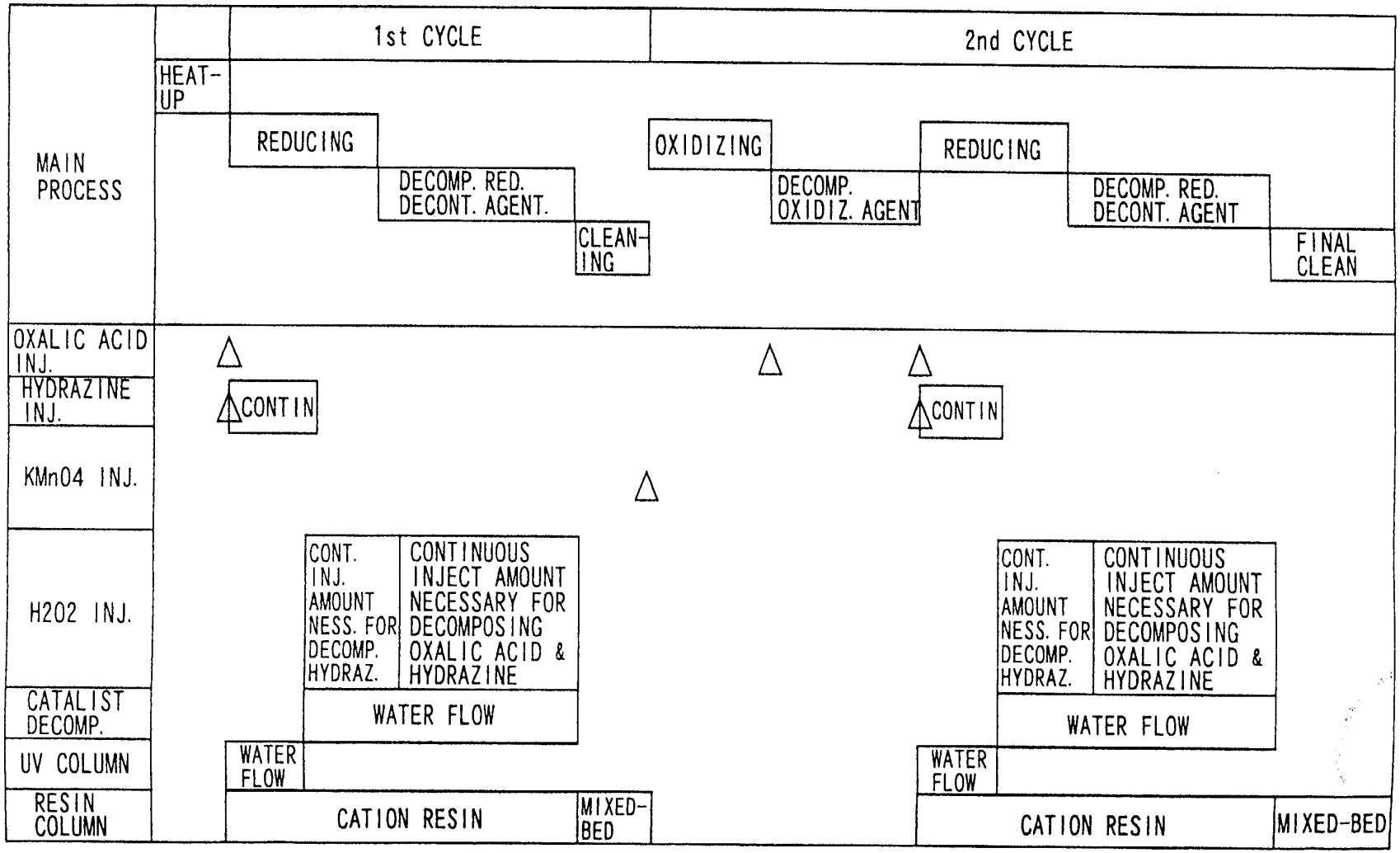
MAIN PROCESS
1st CYCLE
2nd CYCLE
HEAT-UP
REDUCING
DECOMP. RED. DECONT. AGENT.
CLEAN-ING
OXIDIZING
DECOMP. OXIDIZ. AGENT
REDUCING
DECOMP. RED. DECONT. AGENT
FINAL CLEAN
OXALIC ACID INJ.
HYDRAZINE INJ.
CONTIN
CONTIN
KMnO4 INJ.
H2O2 INJ.
CONT. INJ. AMOUNT NESS. FOR DECOMP. HYDRAZ.
CONTINUOUS INJECT AMOUNT NECESSARY FOR DECOMPOSING OXALIC ACID & HYDRAZINE
CONT. INJ. AMOUNT NESS. FOR DECOMP. HYDRAZ.
CONTINUOUS INJECT AMOUNT NECESSARY FOR DECOMPOSING OXALIC ACID & HYDRAZINE
CATALIST DECOMP.
WATER FLOW
WATER FLOW
UV COLUMN
WATER FLOW
WATER FLOW
RESIN COLUMN
CATION RESIN
MIXED-BED
CATION RESIN
MIXED-BED

FIG.8

	OXALIC ACID	HYDRAZINE	HYDROGEN PEROXIDE
0	0.96	0.92	
1	0.98	0.39	0.01
3	0.02	0.02	0.00
10	0.01	0.02	0.00

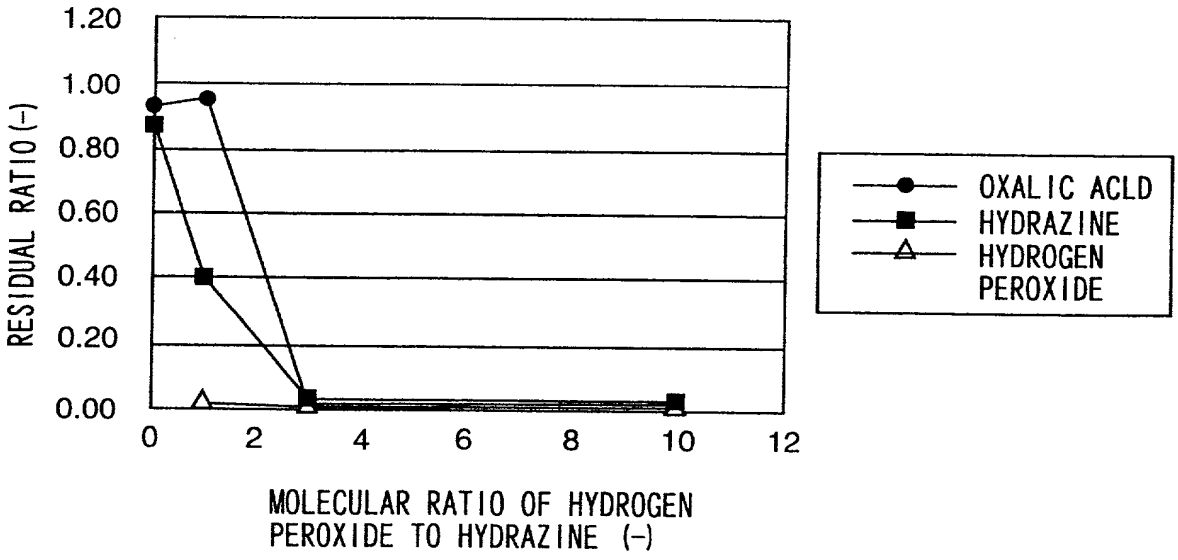

FIG.9

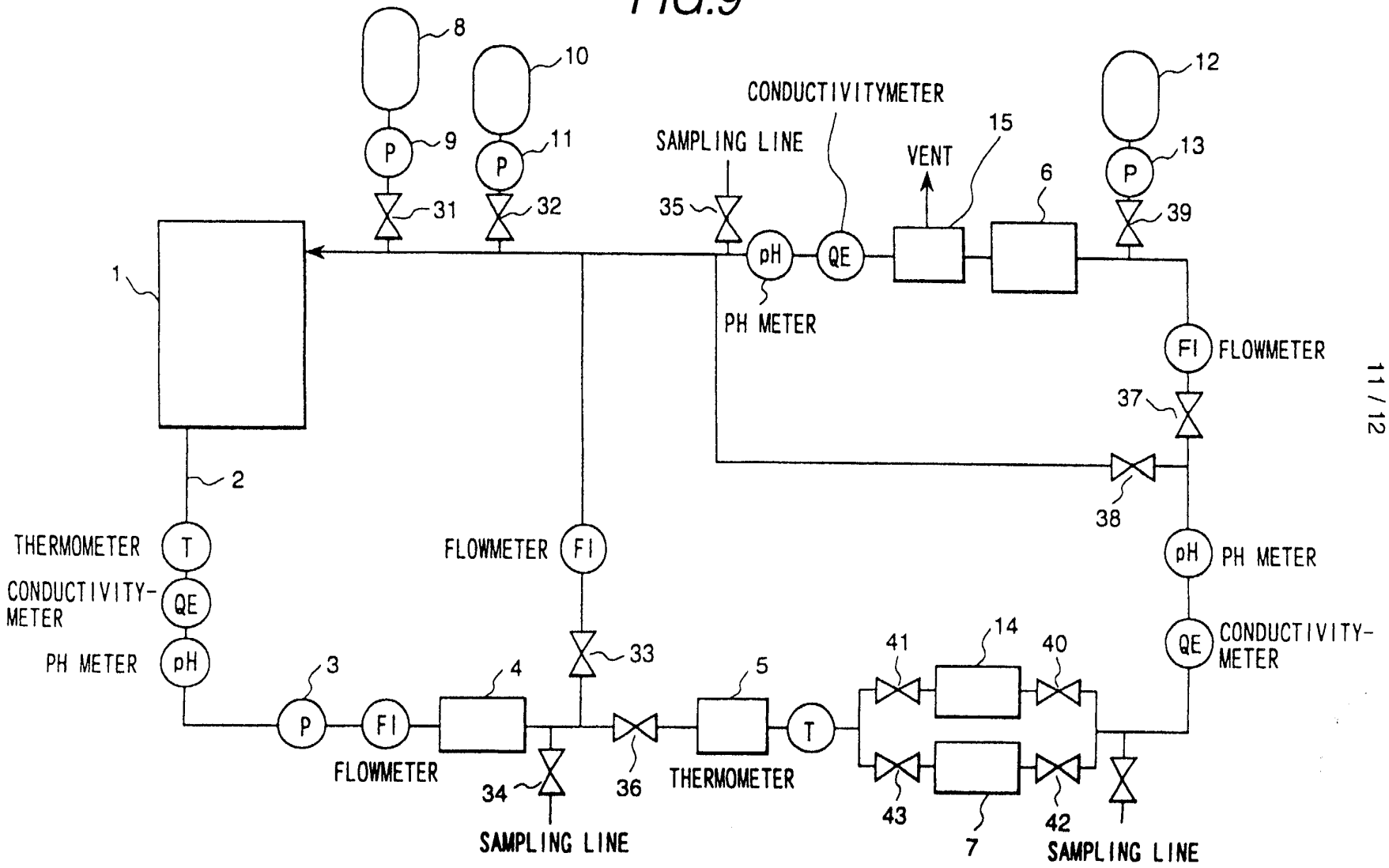
8
10
12
CONDUCTIVITYMETER
SAMPLING LINE
VENT
15
P
9
P
11
P
13
31
32
35
6
39
1
pH
QE
PH METER
FI
FLOWMETER
37
2
38
THERMOMETER
T
FLOWMETER
FI
pH
PH METER
CONDUCTIVITY-METER
QE
QE
CONDUCTIVITY-METER
PH METER
pH
3
33
41
14
40
4
5
P
FI
T
FLOWMETER
34
36
THERMOMETER
43
7
42
SAMPLING LINE
SAMPLING LINE

FIG.10

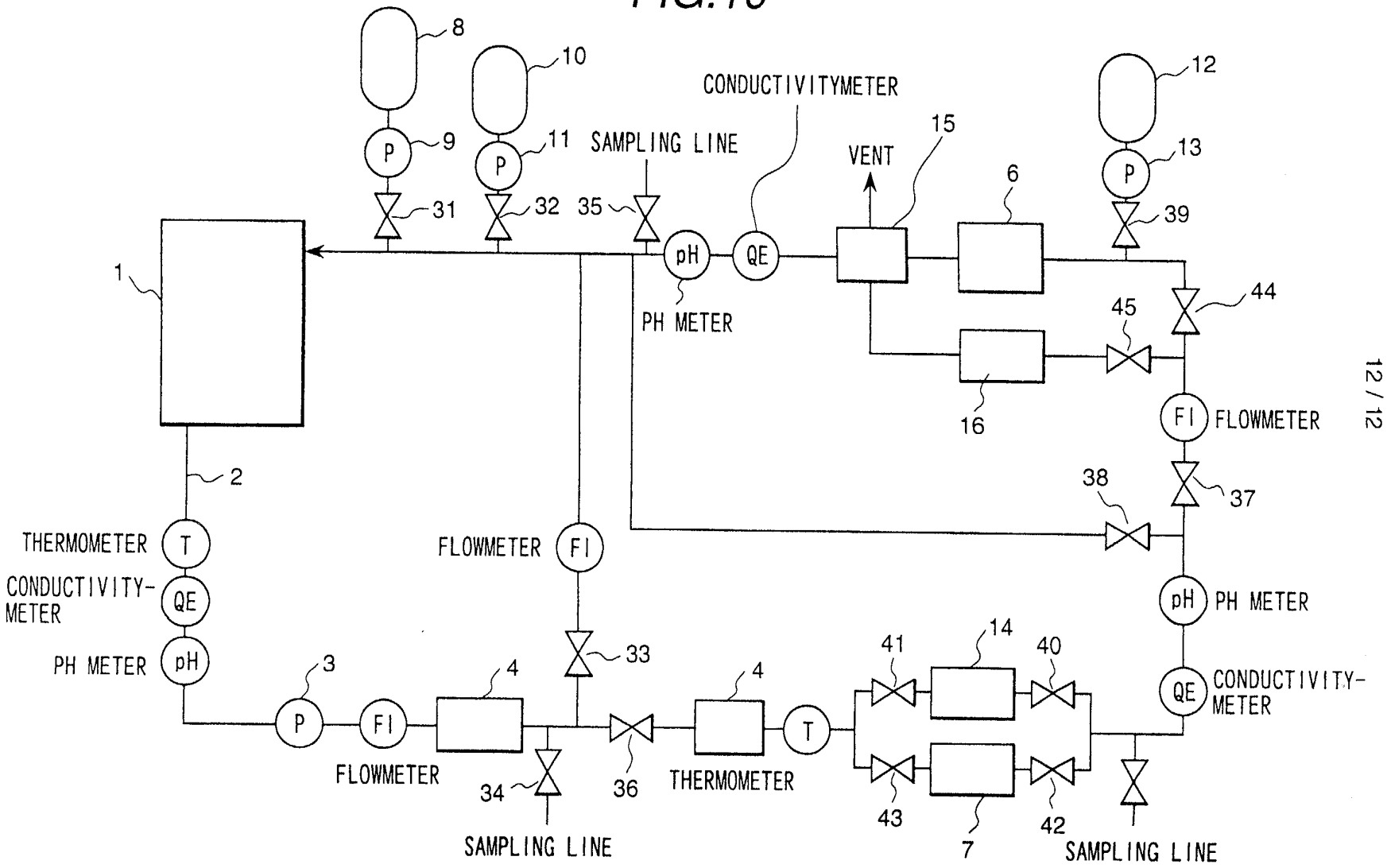
8
10
CONDUCTIVITYMETER
12
P
9
P
11
SAMPLING LINE
VENT
15
P
13
31
32
35
6
39
1
pH
QE
PH METER
44
45
16
FI
FLOWMETER
2
38
37
THERMOMETER
T
FLOWMETER
FI
CONDUCTIVITY-
METER
QE
pH
PH METER
PH METER
pH
3
4
33
41
14
40
P
FI
4
T
QE
CONDUCTIVITY-
METER
FLOWMETER
34
36
THERMOMETER
43
42
SAMPLING LINE
7
SAMPLING LINE

FIG. 11A

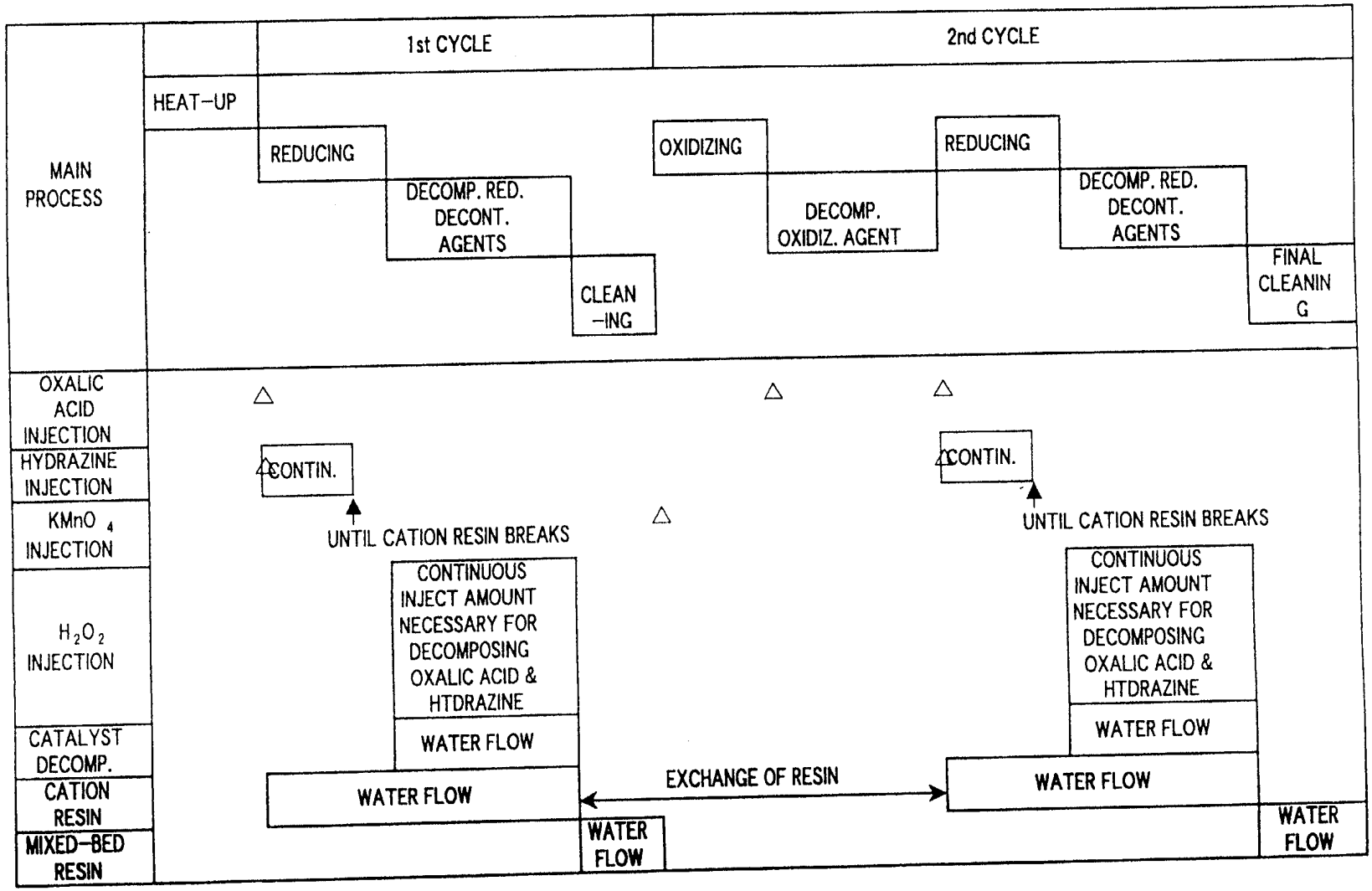

FIG. 11B